

Application No.: 09/760,169
Filing Date: January 12, 2001
Page: 2

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A transparent, low-flammability, UV-resistant, biaxially oriented film made from a film forming thermoplastic and having a thickness of from 5 to 300 μm , wherein the film comprises:

- at least one crystallizable thermoplastic ;
- at least one UV stabilizer;
- at least one flame retardant, said flame retardant(s) consisting essentially of one or more organic phosphorous compounds;

where at least the flame retardant and the UV stabilizer is provided as a compounded first masterbatch, where the UV stabilizer is thermally stable at temperatures exceeding 240 °C, is provided in the first masterbatch or as a compounded second masterbatch during production of the film, where said oriented film has a luminous transmittance of >80% when measured according to ASTM D 1003; a surface gloss of >100 when measured at an angle of 20° according to DIN 67530; a haze of $\leq 20\%$ when measured according to ASTM S 1003 and a yellowness index of ≤ 10 as measured in accordance with DIN 6167.

2. (Previously Presented) The film as claimed in claim 1, wherein the crystallizable thermoplastic comprises polyethylene terephthalate, polybutylene terephthalate or polyethylene naphthalate.

Application No.: 09/760,169
Filing Date: January 12, 2001
Page: 3

3. (Original) The film as claimed in claim 1, which has one or more layers and has additionally been coated with copolyesters or with adhesion promoters.

4. (Original) The film as claimed in claim 1, wherein the amount of flame retardant present is from 0.5 to 30% by weight, based on the weight of the layer of the crystallizable thermoplastic.

5. (Original) The film as claimed in claim 1, wherein the amount of the UV stabilizer present is from 0.01 to 5% by weight, based on the weight of the layer of the crystallizable thermoplastic.

6. (Original) The film as claimed in claim 1, wherein the UV stabilizer present comprises light stabilizers selected from one or more elements of the group consisting of 2-hydroxybenzophenones, 2-hydroxybenzotriazoles, organonickel compounds, salicylic esters, cinnamic ester derivatives, resorcinol monobenzoates, oxanilides, hydroxybenzoic esters, sterically hindered amines and triazines.

7. (Canceled)

8. (Currently Amended) The film as claimed in claim 1, wherein the flame retardant ~~comprises~~ is dimethyl methylphosphonate.

9. (Currently Amended) The film as claimed in claim[[s]] 1, wherein from 0.1 to 1.0% by weight of a hydrolysis stabilizer selected from the group consisting of alkali metal stearates, alkaline earth metal stearates, alkali metal carbonates and alkaline earth metal carbonates, or from 0.05 to 0.6% by weight, of a hydrolysis stabilizer

Application No.: 09/760,169
Filing Date: January 12, 2001
Page: 4

selected from one or more elements of the group consisting of phenolic stabilizers having a molar mass above 500 g/mol is additionally present in the film.

10. (Original) The film as claimed in claim 9, wherein the phenolic stabilizers is pentaerythrityl tetrakis-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate or 1,3,5-trimethyl-2,4,6-tris(3,5-di-ter-butyl-4-hydroxybenzyl)benzene.

11. (Previously Presented) The film as claimed in claim 9, wherein the organic phosphorus compounds comprise long-chain, encapsulated ammonium polyphosphates or carboxyphosphinic acids or anhydrides of these and wherein, besides the hydrolysis stabilizer, from 0.01 to 5.0% by weight of 2,2-methylenebis(6-(2H-benzotriazol-2-yl)-4-(1,1,2,2-tetramethylpropyl)phenol or mixtures of these UV stabilizers or mixtures of at least one of these two stabilizers with other UV stabilizers are present in the film, where the total amount of UV stabilizer is from 0.01 to 5.0-% by weight, based on the weight of said crystallizable thermoplastic.

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

Application No.: 09/760,169
Filing Date: January 12, 2001
Page: 5

19. (Currently Amended) A transparent, low-flammability, UV-resistant, biaxially oriented film made from a film forming thermoplastic and having a thickness of from 5 to 300 μm , wherein the film comprises:

- at least one crystallizable thermoplastic;
- at least one UV stabilizer selected from the group consisting of
2-hydroxybenzophenones, 2-hydroxybenzotriazoles and
triazines; and
- flame retardant consisting essentially of one or more organic phosphorous compounds;

wherein at least the flame retardant and the UV stabilizer is provided as a compounded first masterbatch, where the UV stabilizer is thermally stable at temperatures exceeding 240°C, is provided in the first masterbatch or as a compounded second masterbatch during production of the film.

20. (Currently Amended) A transparent, low-flammability, UV-resistant, biaxially oriented film made from a film forming thermoplastic and having a thickness of from 5 to 300 μm , wherein the film comprises:

- at least one crystallizable thermoplastic;
- at least one UV stabilizer and
- at least one flame retardant consisting of compound(s) that are soluble within said thermoplastic;

wherein the UV stabilizer is thermally stable at temperatures exceeding 240 °C and the flame retardant is provided as a compounded first masterbatch and the UV stabilizer is provided in at least one of either the first masterbatch or as a compounded second masterbatch during production of the film, wherein at least the first masterbatch has been predried and/or precrystallized, the film thus further comprising predried and/or precrystallized first masterbatch carrier polymer, said film satisfying the requirements of UL class 94 VTM-0.